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(FILE 'HOME' ENTERED AT 15:13:53 ON 06 NOV 2009)

L1 FILE 'REGISTRY' ENTERED AT 15:14:06 ON 06 NOV 2009
STRUCTURE UPLOADED

L2 D
1148 SEA SSS FUL L1

L3 FILE 'ZCAPLUS' ENTERED AT 15:14:33 ON 06 NOV 2009
93 SEA ABB=ON PLU=ON L2
L4 52 SEA ABB=ON PLU=ON L3 AND (PD<=20021002 OR PRD<=20021002)
L5 52 SEA ABB=ON PLU=ON L4 AND (PD<20021002 OR PRD<20021002)
D L5 1-52 IBIB HITSTR

FILE HOME

FILE REGISTRY

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 5 NOV 2009 HIGHEST RN 1191377-97-5

DICTIONARY FILE UPDATES: 5 NOV 2009 HIGHEST RN 1191377-97-5

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TSCA INFORMATION NOW CURRENT THROUGH June 26, 2009.

Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stdoc/properties.html>

FILE ZCAPLUS

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FILE COVERS 1907 - 6 Nov 2009 VOL 151 ISS 20

FILE LAST UPDATED: 5 Nov 2009 (20091105/ED)

REVISED CLASS FIELDS (/NCL) LAST RELOADED: Aug 2009

USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Aug 2009

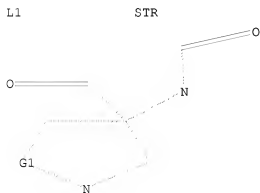
ZCaplus now includes complete International Patent Classification (IPC) reclassification data for the third quarter of 2009.

CAS Information Use Policies apply and are available at:

<http://www.cas.org/legal/infopolicy.html>

This file contains CAS Registry Numbers for easy and accurate substance identification.

During November, try the new LSUS format of legal status information in the CA/Caplus family databases for free! Complete details on the number of free displays and other databases participating in this offer appear in NEWS 10.



G1 C,N

Structure attributes must be viewed using STN Express query preparation.

L2	1148	SEA FILE=REGISTRY SSS FUL L1
L3	93	SEA FILE=ZCAPLUS ABB=ON PLU=ON L2
L4	52	SEA FILE=ZCAPLUS ABB=ON PLU=ON L3 AND (PD<=20021002 OR PRD<=20021002)
L5	52	SEA FILE=ZCAPLUS ABB=ON PLU=ON L4 AND (PD<20021002 OR PRD<20021002)



chain nodes :

8 10

ring nodes :

1 2 3 4 5 6 7 9

chain bonds :

7-8 9-10

ring bonds :

1-2 1-5 2-3 3-4 4-5 4-6 4-9 6-7

exact/norm bonds :

1-2 1-5 2-3 3-4 4-5 4-6 4-9 6-7 7-8 9-10

G1:C,N

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:CLASS 9:Atom 10:CLASS